

# UNICO Q4 basic

trimless

090-7Q443E0B21 090-7Q40100



Project / Type	
Notes	
Count / Date	



## General

Ceiling , Recessed	
black reflector	
IP20	
1090 lm	

## LED

2700 K	
CRI ≥ 90	
L90 / 50000 h	
initial MacAdam ≤ 3 SDCM	
R <sub>g</sub> : 101 , R <sub>r</sub> : 91 , R <sub>(1-5)</sub> : 89	
MR 0.56	
MDER 0.51	

## Optical

medium square	
beam angle 32°	
UGR ≤ 10 , ≥65° <3000 cd/m²	
PstLM ≤ 1.0 <sup>1</sup>	
SVM ≤ 0.4 <sup>1</sup>	

## Electrical

DALI-2	
220-240 V	
system 13.1 W	
system 83 lm/W <sup>2</sup>	
PC2	

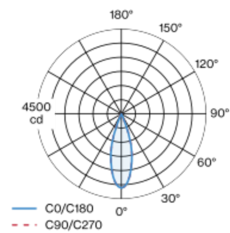
## Physical

trimless	
length 85 mm	
width 85 mm	
height 51 mm	
0.52 kg	

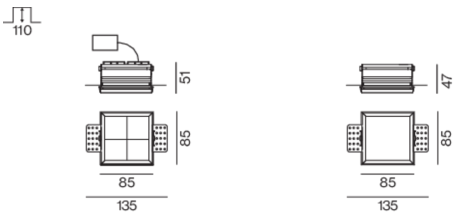
## Cutout

length 90 mm	
width 90 mm	
min. ceiling thickness 12.5 mm	
max. ceiling thickness 25 mm	
recessed depth 110 mm	

## Light distribution



## Product drawing



<sup>1</sup> Value of containing product at full load (undimmed)  
<sup>2</sup> FIXTURE: incl. consideration of optical losses & internal control unit losses SYSTEM: incl. consideration of optical losses, internal control unit losses & operating device efficiency.

## Installation instructions



## Lighting calculator



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## Maintenance Factors

Operating Time [h]	10 000	20 000	30 000	40 000	50 000
LLMF	0.96	0.95	0.95	0.94	0.93
LSF	1	1	1	1	1
MF	LMF × RSMF × LLMF × LSF		RSMF <sup>a</sup>	Room Surface Maintenance Factor	
MF	Maintenance Factor		LLMF	Lamp Lumens Maintenance Factor	
LMF <sup>a</sup>	Luminaire Maintenance Factor		LSF	Lamp Survival Faktor	

<sup>a</sup> According to "CIE 97, Maintenance of indoor electric lighting systems", 2005, ISBN 3-900-734-34-8. The values must be determined by the planner.

## Circuit Breaker Types

Automatic Circuit Breaker Type	Number of Fixtures
B10	22
B16	36
C10	37
C16	60

## Components

### MOUNTING SET trimless

TYPE	L-W-H (MM)	ARTICLE NUMBER(S)
for installation in plasterboard ceilings 12.5/15/20/25 mm	85-85-47	090-7Q40100



### Mounting accessories

### MOUNTING SET trimless

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for installation in plasterboard ceilings 12.5/15/20/25 mm	85-85-47	090-7Q40100



### Mounting accessories

### THROUGH WIRING CONNECTION BOX

TYPE	L-W-H (MM)	ARTICLE NUMBER(S)
non DIM cable ø 4 – 12 mm, Linect®-Ready	105-58-30	005-253110
DALI cable ø 4 – 12 mm, Linect®-Ready	105-58-30	005-255110

